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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/716,998	11/22/2000	Woo-Jong Park	P56257	9543
8439	7590	08/09/2005	EXAMINER	
ROBERT E. BUSHNELL 1522 K STREET NW SUITE 300 WASHINGTON, DC 20005-1202			MEW, KEVIN D	
			ART UNIT	PAPER NUMBER
			2664	

DATE MAILED: 08/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action
Before the Filing of an Appeal Brief

Application No.

09/716,998

Applicant(s)

PARK, WOO-JONG

Examiner

Kevin Mew

Art Unit

2664

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 24 May 2005 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicant's reply has overcome the following rejection(s): _____.

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1-3, 5-10 and 12-19.

Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

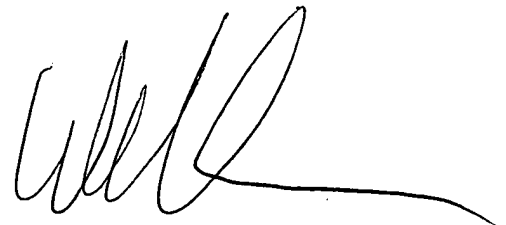
11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Attachment.

12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08 or PTO-1449) Paper No(s). _____

13. ☐ Other: _____.

In claim 1, the Ganesh reference discloses, in the first part of the limitations, multiple ports (a plurality of ports, see line 5, section "0008", page 1, and Figure 2);
a local search block (see element 60, Figure 3) for a port, each port associated with a local lookup table in memory (a plurality of local search blocks corresponding to each of said plurality of ports, see element 58, Figure 3), said plurality of local lookup tables are used for analyzing source addresses learned by the corresponding ports (provide a source address thereof) and destination address that the corresponding ports recently forwarded a frame to in order to determine which port to forward the traffic over (said plurality of local search blocks configured to analyze a destination address of an input packet received in the port thereof to search for a transmission port of said Ethernet switch, see lines 6-12, section "0009", page 1);
a main search unit (see elements 34, 36, Figure 2; note that the main search unit includes central management module and central lookup table) that includes a central management module for learning new source addresses by storing the source addresses received from line interfaces (ports) in a central lookup table (configured to analyze said source address to establish an address data structure of said plurality of local search blocks, see lines 1-9, section "0036", page 4), and for receiving port requests for information relating to the destination address and responding by searching the central lookup table (using said address data structure) and passing the results about the destination address back to the port (said main search unit also configured to respond to a destination address request from at least one of said plurality of local search blocks by providing said requested destination address to a corresponding local search block by using said address data structure when said main search unit has said destination address, see lines 18-23, section "0030", page 4).
a switch fabric control which is a scheduler that establishes a connection so that a search engine on one port can directly pass a network frame to a search engine on another port (a scheduler for controlling said local search blocks and said main search unit to enable an interface therebetween; note that "another port" is interpreted as the main search unit in this case, see lines 1-7, section "0028", page 3).

With respect to the second part of the claim limitations in claim 1, that is, "OR by sending a 'no port' signal to said at least one of said plurality of local search blocks when said main search unit does not have said destination address," the Isfeld reference discloses a networking bridge/routing system in which a cache of recently accessed addresses are maintained in each of the intelligent input/output modules and packets received for destinations which are not in the cache result in a query from the Bridge distributed protocol module DPM to the central DPM server to determine an appropriate destination (see col. 38, lines 30-46). Isfeld further discloses the port field in the PCR response from the central bridging routing table is set to "UNKNOWN" when PCR response is sent back from the central DPM server to the Bridge DPM when the destination address is not found in the central bridge routing table (see col. 52, lines 33-52).



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